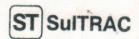
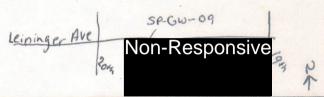
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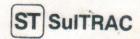
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Bldg./Site:		
Project Name	Lucher	CH

Boring Number: SP. GW-09	Date Started: 1-12-17
Drilling Method: (Circle one) HSA Continuous Cored Direct-Push/Hand Auger/	Date Completed: \-\?-\~
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: SS+ JM
Outer Diameter of Boring: 2:	Drilling Subcontractor: Steas ns
Inner Diameter of Well Casing:	Driller: Tom + Cary
Depth to Water (feet bgs): \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Location Sketch:



Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
						Fire sand will trace on areal and	Fine		
1230		SFF	3.54			Fine sand witrace sm. gravel, roots present, readish brown, moist	SP		
25,81	-5-			7					
1235		5ft	3 62		4	-7 ft med grained sand, poorly graded, tan			
1671						-8,5 Fine sand, readish brown, moist, poorly graded	50		
	-10-					med sand whome interbedded fine sands, little gravel, tan moist			
, 240		594	Str	4.5			58		
1240									
1245	-15-	Sft	3.5 fx						

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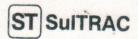


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Bldg./Site: _	
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Boring Number: \$P-GW-10	Date Started: 1/12/17
Drilling Method: (Circle one) HSA Continuous Core/Qirect-Push/Hand Auger/	Date Completed: 1/12/17
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: TM
Outer Diameter of Boring: 2	Drilling Subcontractor: Steam 5
Inner Diameter of Well Casing:	Driller: Pana 1 Gary
Depth to Water (feet bgs): 16	Location Sketch:
20+1 st × sp-GW-10	ininger N

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
1500	- + - +		4'			-1 fi dk brown top soil u roots + grass	SP		6
1505	5 -		3.5"		-	fine send, red brown, moist trace small gravel posity graded			
	- 10 -		_			fine-medium sond w trace small gravel light brown-ton maist poorty graded	SW		
15:10	 _ 15 _	•				medium to coase send to few small gravel moist light tan	SW		

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сто:		
Bldg./Site:		
Drainet Name:	1116450	ST

Boring Number: SP-GW-11	Date Started: 1 13 17
Drilling Method: (Circle one) HSA Continuous Core/Direct-Push/Hand Auger/	Date Completed: 1113117
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: CM + JM
Outer Diameter of Boring:	Drilling Subcontractor: STEDENS
Inner Diameter of Well Casing:	Driller: TOM + GRY
Depth to Water (feet bgs): 15 H	Location Sketch:
HWY 197 20th STREET SP-GW-11 X	LEININGER STREET

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
11.05	-5'-	EML 5	40%			The series of Charles of States	SP		
11,10	16	100 Z	3.5'			Medium sand. 104R 6/3 (pde brown) worst few small gravel. Poorly-graded.	SP SP		
11.15	is'	15 3	4.5°			Tew small gravel. Toorly-graded. 11.5 Five sand. chart yellowish blown, worst, poorly graded Coarse sand. to YR 6/4 (light blown), worst to little small gravel, well-graded	SP	1	

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Bidg./Site: ______
Project Name: \(\frac{145\text{Nev}}{5}\tau^2\)

Boring Number: 3P-C2W-12	Date Started: 4-24 - \ \
Drilling Method: (Circle one) HSA Continuous Core/Direct-Push/Hand Auger/	Date Completed: 4-24 -17
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: SS
Outer Diameter of Boring: 1995	Drilling Subcontractor: Stear of
Inner Diameter of Well Casing: 1.5 in ch	Driller: Tom
Depth to Water (feet bgs): \\. 5f+	Location Sketch:
Worder St	Century From Turn Asr 62-12 Hivery Ave

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
		. 1	80'70			13th bown, Ene-med son a, rooming graded, dry	SP		0.t 0.0 0.0
	— 5 ff− 	2	roc'lo				50		0.0
	-10:		80°%			-11 ft medium coarse w/ For gravel -11 5ft well-graded, light brown, wet	<u>-</u> 5ω	ş.	0.0
	— 12;{ 3	3	00	,		EOB = 151			

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сто:		
Bldg./Site:		_
Project Name:	Lusher	51

Boring Number: CP-Ci21-13	Date Started: 4-25-17				
Drilling Method: (Circle one) HSA Continuous Core/Direct-Push/Hand Auger/	Date Completed: 4 · 2 S - (7)				
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: 55				
Outer Diameter of Boring:	Drilling Subcontractor: Stearn S				
Inner Diameter of Well Casing: 1.5 inside (Driller: Tom				
Depth to Water (feet bgs): 14, 5 F+	Location Sketch:				
الم الم الم	More Aurely ave				

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
0155			80%			- Lift fine cond, light bown, lew roots, percy greated - 25t dark brown, true would, percy said gradel	Fill 58 58		0.0 0.0
	-5 -					light boom, fine send wifer men send, perty sounded			
630°		2	30%				5P		0.0
	- 10-								
0805		3	8070			tan, har - med granned, see try graded, true gravel 145 tan, med granned, few gravel, well seemingraded	50		0.0
	 - 15-					- 14.5 Tan, met graned, few graned, well Sentinginging	SM		2.0

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CTO:		
Bldg./Site:		
Project Name:	Lusher	<u> 12</u>

Boring Number: Sp. Gw - 14	Date Started: 4 - 25 - 17
Drilling Method: (Circle one) HSA Continuous Core(Direct-Push/Hand Auger/	Date Completed: 4-25-17
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: SS
Outer Diameter of Boring:	Drilling Subcontractor: Sterie as
Inner Diameter of Well Casing: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Driller: Tom
Depth to Water (feet bgs): 15.5 ft	Location Sketch:
न के प्रस्ता है	Hereby Species 14

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
1245		. 1	80%			Rendish brown, trace small gravel, poorly graded, moist fire sand	20		0.0
1250	- 5 - 	2	407c			Reddish brown, trace small graves, poorly mutal	SP		/ 000
1255	- 10 -	3	90lo			+ ren fine sand withrese sin grave 1, poerly grade - 11 ft Grey, very fine sand, withrace by grave 1 pograde ten med - coorse sand withrace gravel, well of	ed5		0.0
1300	L 16_	4	80%			6 5.5 ▼			

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СТО:
Bldg./Site:
Project Name:

					 	AND VISUAL CLASSIFICATION LOG Project Name:			
Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. utility type dia	Description	USCS Soil Symbol	Well Construction	ОУМ (ррт)
1300	 	ч	50			Same as above	עיב		0.0
	-20- 					EOB-20Ft			
			;						
	_								
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Bldg./Site:		_
Project Name:	Tusha	42

Boring Number: SP-GW-15	Date Started: 4-25-17			
Drilling Method: (Circle one) HSA Continuous Core(Direct-Push/Hand Auger/	Date Completed:			
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: SS			
Outer Diameter of Boring:	Drilling Subcontractor: Stearns			
Inner Diameter of Well Casing: 1.5 c~	Driller: To~			
Depth to Water (feet bgs):	Location Sketch:			
ad I The	Tzurn 1858-gw-151 ively Ave			

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
1545		1	75%		>	redaigh - brown fine sand, poorly graded	50		0.0
1550		2	₅₀ 10			tan, for sand withrace course sand, poorly sorted	SP SP		0.0
1555	- 10 -	2	8010			-9.5 ft. 10 (time sind while course sind a gravel, well sor hed all tracks is brown fine sind where coarse grains, poorly sort (ff.) 11 ft. Coarse sand when gravel, well sorted, teen, do black lens whenever at ~ 11 ft.	58) 58)		0 0
1800	 - 'S-		80%			-15.5C+	>W		0.0

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Bldg./Site:							
Project Name:	Deciset Name:						

			T						
Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. utility type dia	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
					-	reddish brown south fine sand wy trace grand, poorly grade	50		0.0
		4	90%			ton, grave coarse sand -/ gravel + small rocks, well graded, wet	514		0.0
	20					tan clay dry , Stiff, tew sin graver strebbies	7		0.0
	-	5	100%			Sandy clay, dry, grey, few med um gravel	Cr	-	0.0
1710	- 25-					Brown Sand wifew smned gravel, wet, well graded	5ω		0,0
						E08-25'			

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Boring Number: SP-GW-16	Date Started: 4- 26-17
Drilling Method: (Circle one) HSA Continuous Core/Direct-Push) Hand Auger/	Date Completed:
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: 1. KOACH
Outer Diameter of Boring:	Drilling Subcontractor: Stearns
Inner Diameter of Well Casing:	Driller: Ton Ulich Moto
Depth to Water (feet bgs): 15.5	Location Sketch:
Zorm / Ruking Adom	HIVELY AV

Time	Depth (feet bgs)	Drive Interval	Recovered interval	Sample iD	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
0815			Sk.			Reddish Grown fine- med SAND, trace small gravel, dry	SP		0.0
-5-			70%			Same as above, dry-moist	59		0.0
10			#2/o			Sun as above, moist Brown med - coarse Son D, w pome fine- med gravel, publis & cottles, moist	SP SP		0.0
15			80°6		1	Shought From Inc. Sand, with	- 5W	-	0.0

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Bldg./Site:	
Project Name:	

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Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. utility type dia	SP-GW-16 Description	USCS Soil Symbol	Well Construction	ОVМ (ррт)	
						gravel, trace publis, saturated	5P		0,0	
	20-					EOB=20'	9.			
	72									
		č.								
		9								
								7		
		4								

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Date Started: 4-26-17
Date Started.
Date Completed:
Logged By: T Frach
Drilling Subcontractor: Steams
Driller: Jam Maich
Location Sketch:)
(NT
EX Rd
13,11
_

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
			30°/0			from - med grand dry	5P		0.0
			80%			gray ish brown fine med sand who some fine - med gravel, dry - misret	·58		0.0
	-i0 - - - - - - - - - - - - - - - - - -		lo °fi			I an func	188	~	0.0

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Bldg./Site:	
Project Name:	Javal as Slacet

Boring Number: SP-GW-18	Date Started: 4-26-17
Drilling Method: (Circle one) HSA Continuous Core Direct-Push Hand Auger/	Date Completed:
Air Rotary/Mud Rotary/Dual Tube Percussion/Sonic/Vacuum	Logged By: J. Koach
Outer Diameter of Boring:	Drilling Subcontractor: Steams
Inner Diameter of Well Casing:	Driller: Tom Which
Depth to Water (feet bgs):	Location Sketch:
	Location Sketch: Lyppert Components #58 NT Mishawakan Stant
TOPLINE AUTO	FREPAIR 1

Time	Depth (feet bgs)	Drive Interval	Recovered Interval	Sample ID	Blow Count (per 6 inches) / V.B. Utility Type Diameter	Description	USCS Soil Symbol	Well Construction	OVM (ppm)
1554			70/0			No Recovery Grey Ailty Dand & gravel fill, dry Blende - Ok brown sity Dand fill w/ med gravel dry Reddish trown fine - med Sind, to fine gravel dry	1.1.		0.0
200	-5 - 		80°6			From as about; 3" seam of Gruy med SANDE, dry Brown fine - med SAND w/ Some fine gravel, moist -			0.0
	-10 - 		100/0			Same as above, west - vaturated at 2 14.5'			0.0
	_ _/ <i>S</i> _	_				EOB = 15 hgs			

APPENDIX C

FIELD PHOTOGRAPHS

Grab Groundwater Sampling Photos SP-GW-01







Grab Groundwater Sampling Photos SP-GW-02







Grab Groundwater Sampling Photos SP-GW-03





